

LIII.—On a new Copepod of the Genus *Doridicola*.

By HENRY N. RIDLEY, B.A.

CEPHALOTHORAX broad oval, showing division into four segments. Antennæ—first pair seven-jointed, terminating in a flagellum; the third joint the longest, but not so long as the flagellum; the whole antenna as long as the cephalothorax: second pair three-jointed, ending in two claws, the terminal segment also bearing two smaller hooks. Mandibles flat and broad, with a single-jointed appendage with three setæ. First pair of maxillipeds two-jointed, with two terminal setæ; second pair similar, but with two terminal claws. Swimming-feet broad; both rami in all the feet similar, three-jointed, the terminal joint bearing three spines and two setose bristles; the middle joint shorter, with one lateral spine, and two setose bristles on the lower margin; basal joint with one lateral spine and one bristle; the outer margin of the segment setose. Fifth pair of feet a single joint supported on a lateral prominence of the segment, and terminated by two bristles. Abdomen of four segments, the first not swollen; terminal appendages short, bearing each three setose bristles.

Ovisacs oval. Colour white; pigment of eye rosy purple. Length 2 millims.

*Habitat.* The tentacles of *Anthea cereus*, var.

*Locality.* A pool at low water, near Ilfracombe, North Devon. August 1878.

*Obs.* This animal closely resembles *Doridicola agilis* of Leydig; but is distinguished by its habitat, colour, and shape of the last pair of thoracic feet, also the absence of any swelling in the first abdominal segment, and a few other minor differences.

Like *D. agilis* it was extremely active and difficult to secure, concealing itself among the tentacles of the *Anthea* or clinging tightly to them.

There were no males present. If the animal has not been already noticed, I propose the name of *Doridicola antheæ* for it.

*Note.*—It may be worth recording that the variety of *Anthea cereus* on which I found the *Doridicola* was entirely of a dark purplish slate-colour, and does not seem to have been hitherto noticed.